

**COUNTYWIDE
INTEGRATED WASTE MANAGEMENT PLAN
FIVE-YEAR REVIEW REPORT**

for the

COUNTY OF MADERA

prepared by the

Department of Engineering and General Services

Final Draft

August 9, 2005

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Board Meeting
February 14, 2006

Agenda Item 8
Attachment 1

August 10, 2005

Ms. Natalie Lee
Office of Local Assistance
California Integrated Waste Management Board (CIWMB)
P. O. Box 4025
Sacramento, California 95812-4025

RE: County of Madera
Countywide Integrated Waste Management Plan (CIWMP) Five-Year Review Report

Dear Ms. Lee:

On behalf of the County of Madera, please find attached a copy of the "CIWMP Five-Year Review Report". In conformance with Section 41822 of the Public Resources Code (PRC), the County has reviewed the Madera County CIWMP.

The County's Local Task Force (LTF) submitted written comments to the County in conformance with Section 18788 of Title 14 of the California Code of Regulations. A copy of the April 20, 2005 LTF letter is included in Appendix F of this "CIWMP Five-Year Review Report".

The County finds that a CIWMP revision is not necessary at this time.

The County recently completed a waste generation study for the year 2003 for the unincorporated area. Although, as of this date, California Integrated Waste Management Board (CIWMB) staff personnel are conducting a review of the study, it appears that the County will realize a diversion rate exceeding 50% in 2003. It also appears that the programs selected by the County are appropriate for sustaining a diversion rate in excess of 50%. These programs include, but are not limited to, grasscycling, business source reduction, business recycling, use of a materials recovery facility, composting in the agricultural sector, inerts diversion, and biomass credit up to the allowable percentage (10%). Furthermore, the County has selected additional complimentary programs to enhance diversion and prompt greater public support for diversion. These complimentary programs include residential curbside recyclables and yard waste collection and expansion of drop-off centers. Additionally, the County has reported that it intends to develop a construction and demolition debris diversion program and ordinance and enhance its buy recycled content policy.

Similarly, the cities of Chowchilla and Madera have also selected programs appropriate to the generated waste stream and demographics within their boundaries.

Consequently, the plans and programs identified in all three jurisdictions' SRRE and HHWE are felt to be appropriate for achieving the diversion goals and AB 939 requirements.

Thus, guided by the current CIWMP and program adjustments described in the annual reports and SB 1066 requests, the cities of Chowchilla and Madera and the County will continue to implement programs and strive to fulfill the goals of the Integrated Waste Management Act.

Please contact me at (559) 675-7817 if you have any questions or comments.

Respectfully submitted,

Kevin S. Ham, P. E.
Assistant County Engineer

cc Madera County Local Task Force
Ron Frye, City of Chowchilla
Ray Salazar, P.E., City of Madera
Jim Shields, City of Madera
Jim Greco, California Waste Associates

CHAPTER 1.0 EXECUTIVE SUMMARY

State law requires that each County, and the cities within the County, review their waste management planning documents every five years. The collection of planning documents is normally referred to as the "Countywide Integrated Waste Management Plan" (CIWMP). The review is required to be started by the 5th year anniversary date from when the California Integrated Waste Management Board (CIWMB) approved the CIWMP. The Madera County CIWMP was approved by the CIWMB on November 15th, 1999. Thus, by November 15th, 2005, the County Local Task Force (LTF) is required to advise the County on whether the CIWMP is in need of being revised. The LTF reviewed the CIWMP and determined that it was not necessary to revise the planning documents so long as the annual reports prepared by the County and the cities continue to provide updates and report on the progress of their efforts to achieve their diversion goals.

The overall framework of the CIWMP is still applicable. The goals, objectives, policies, waste management infrastructure, funding sources, and responsible administrative organizational units noted throughout the CIWMP are still applicable. State law also requires that the five-year review address a number of issues, which are highlighted below in upper case, bold font.

DEMOGRAPHICS. The calculation of the diversion rates for the three jurisdictions depends upon CIWMB default adjustment factors, for example: population, employment, taxable sales, and the Consumer Price Index (CPI). Countywide population and industry employment have increased 49% and 53%, respectively, from 1990 to 2003. Taxable sales transactions have increased 76% Countywide whereas the statewide CPI increased 41% from 1990 to 2003. These factors are important because they are used to calculate the estimated waste generation and diversion rates when using the CIWMB adjustment methodology for diversion rate measurement in subsequent reporting years. Additionally, this level of demographic growth infers increased waste generation. The City of Chowchilla realized the greatest incremental increase in population – 143% during the 13-year period, which averaged an 11% per year rate of growth. All three jurisdictions experienced greater than a 5% per annum growth in taxable sales.

QUANTITIES OF WASTE. The cities of Chowchilla and Madera changed their base year to 1999 and derived a new base year waste generation. Since 1999, waste generation has increased approximately 8% according to the adjustment methodology. During this 4-year period (1999 to 2003), estimated waste generation increased more than 14% in the County unincorporated area. Reported disposal tonnages have increased significantly for all three jurisdictions since 1990. However, both cities' disposal levels decreased in 2002 and 2003 while the disposal quantities from the unincorporated area have increased notably since 1999.

FUNDING SOURCES AND ADMINISTRATIVE RESPONSIBILITIES. Funding amounts and sources and staffing levels have been maintained by the all three jurisdictions. The County has experienced re-organization and staffing needs during the past few years and recently expanded staffing positions focused on AB 939 requirements.

PROGRAM IMPLEMENTATION. Program implementation, as documented by each jurisdiction in the annual reports, has been sustained, though the effectiveness of program

implementation has been impacted by staffing changes among all three jurisdictions. Most selected programs have been implemented and new programs started. The most effective programs have been those based in the nonresidential sector.

PERMITTED DISPOSAL CAPACITY. Countywide permitted disposal capacity exists at the Fairmead Landfill, the only permitted solid waste disposal facility in the County. At projected waste input rates, the jurisdictions rely on available disposal capacity at the Fairmead Landfill in excess of the required 15-years of disposal capacity. Estimated permitted disposal exists through the year 2033 years. The CIWMB concurred with the issuance of a revised solid waste facility permit for the Fairmead Landfill on July 19, 2005. The permit concurrence identified 2033 as the anticipated closure year.

AVAILABLE MARKETS. Markets for recoverable materials have fluctuated during the past decade depending upon the economy. The jurisdictions have relied upon the private sector for exploring and obtaining the marketability of recovered waste materials.

OTHER ISSUES. The goals, policies, and objectives stated in the Source Reduction and Recycling Element, Household Hazardous Waste Element, and the Countywide Siting Element remain applicable and relevant. The LTF has been reconstituted and has met frequently during 2005. In lieu of LTF meetings, there have been frequent meetings including the cities and the solid waste service providers.

In the 2002 annual reports, all three jurisdictions reported that none of the planning elements needed to be revised.

The County is interested in discussing these findings with CIWMB staff to confirm that program planning changes can be made without allocating the additional resources to "revise" any of the planning documents. In summary, the jurisdictions do not feel that revision of the CIWMP is necessary, warranted, or desirable at this time.

CHAPTER 2.0 INTRODUCTION

The California Integrated Waste Management Act of 1989 (Assembly Bill 939) requires cities and counties in California to reduce the amount of solid waste disposed in landfills by 50% by the year 2000 and thereafter. This is to be accomplished through source reduction, recycling, and composting activities. Diversion credit of up to 10% can be achieved through transformation or the beneficial use of biomass materials as a fuel. The CIWMP is the guiding document for attaining these goals. The content requirements of the CIWMP are identified in the Public Resources Code (PRC) Section 41751.

PRC Section 41822 requires each city and County to review its Source Reduction and Recycling Element (SRRE) or the CIWMP at least once every five years to:

- (1) correct any deficiencies in the element or plan;
- (2) comply with the source reduction and recycling requirements established under PRC Section 41780; and
- (3) revise the documents, as necessary.

The relevant sections of the PRC are included in **Appendix A**. Pursuant to the requirements of the PRC, the CIWMB clarified the five-year CIWMP review process in California Code of Regulations (CCR) Section 18788 (See **Appendix B**). Section 18788 states that prior to the fifth anniversary of CIWMB Board approval of the CIWMP, the LTF shall complete a review of the CIWMP to assure that the County's waste management practices remain consistent with the hierarchy of waste management practices defined in PRC Section 40051.

The hierarchy stated in PRC 40051 is:

- (1) source reduction;
- (2) recycling and composting; and
- (3) environmentally safe transformation and environmentally safe land disposal.

The process identified in CCR 18788 is summarized as follows:

- prior to the 5th anniversary, the LTF shall submit **written comments** on areas of the CIWMP which require revision to the County and the CIWMB;
- within 45 days of receipt of comments, the County shall determine if a revision is necessary and notify the LTF and the CIWMB of its findings in a **CIWMP Review Report**; and
- within 90 days of receipt of the **CIWMP Review Report**, the CIWMB shall review the County's findings and, at a public hearing, approve or disapprove the County's findings.

CCR 18788 also identifies the minimum issues, which are to be addressed in the **CIWMP Review Report**. They are:

- (A) changes in demographics in the County;
- (B) changes in quantities of the waste within the County;
- (C) Changes in funding sources for administration of the Countywide siting element and summary plan;
- (D) changes in administrative responsibilities;
- (E) program implementation status;
- (F) changes in permitted disposal capacity and quantities of waste disposed of in the County;
- (G) changes in available markets for recyclable materials; and
- (H) changes in the implementation schedule.

On October 30, 1998 and again on July 21, 2000, the CIWMB Office of Local Assistance sent letters to jurisdictions clarifying the CIWMB's oversight of the five-year revision process. A copy of the July 21st letter is included in **Appendix C**. The July 21st letter noted that the five-year anniversary is from the date of approval by the CIWMB of the CIWMP; that the CIWMB legal staff determined that jurisdictions can utilize their annual reports to update program information, if a revision is not determined by the jurisdiction to be necessary; and that if a revision is determined to be necessary, it may be submitted with the next annual report.

CHAPTER 3.0 BACKGROUND

The incorporated jurisdictions in the County include the cities of Chowchilla and Madera. The SRRE, the Household Hazardous Waste Element (HHWE), and the Nondisposal Facility Element (NDFE) for the cities and the County plus the Countywide Siting Element (CSE) comprise the CIWMP. The planning documents for each were approved by the CIWMB on the dates identified in Table 3-1.

Table 3-1. Approval Dates of AB 939 Planning Documents for Madera County Jurisdictions

Jurisdiction	SRRE	NDFE	HHWE	Siting Element	Summary Plan
City of Chowchilla	12/10/97	10/22/97	12/10/97	N/A	N/A
City of Madera	3/17/97	3/17/97	3/17/97	N/A	N/A
County of Madera	1/24/96	6/26/96	6/26/96	11/15/99	Exempted

The CIWMP was approved by the CIWMB on November 15th, 1999. Thus, the anniversary date for the first five-year CIWMP review is November 15th, 2004. The County and each city's long-term diversion goal is 50%.

No petition for a reduction in the 50% goal has been requested by any of the jurisdictions. The County petitioned the CIWMB for a reduction in planning requirements to prepare a Summary Plan, which was approved on February 23rd, 1999. Additionally, the County requested and was granted a SB 1066 alternative diversion requirement of 47.5% on January 14th, 2003.

CHAPTER 4.0 PURPOSE

The purpose of this *CIWMP Review Report* is twofold:

- (1) To document the compliance of the County with PRC 41822 and CCR 18788; and
- (2) To solicit a wider review, recommendations, and support for the course of action identified by the jurisdictions to achieve established diversion goals.

CHAPTER 5.0 LOCAL TASK FORCE REVIEW

The membership of the Madera County LTF is identified in **Appendix D**. The LTF met on February 24th and March 17th, 2005 to discuss the five-year review. A packet of information was prepared and provided to each member for both meetings. A copy of the materials provided to the LTF for the March meeting is included in **Appendix E**. A summary of the meeting was prepared and is included in **Appendix E**. At this meeting, the LTF concluded that the CIWMP, with the addition of the information in the annual reports, was adequate and did not need to be revised at this time. The LTF approved that a letter to be sent to the County, which transmitted the LTF's recommendations. A copy of the letter was also mailed to the CIWMB. A copy of the letter is included in **Appendix F**.

CHAPTER 6.0 SECTION 18788 (3) (A) THROUGH (H) ISSUES

OVERVIEW

California Waste Associates reviewed each CIWMP component document and found that the documents, accompanied by the annual reports, continue to serve as appropriate reference tools for implementing and monitoring compliance with AB 939.

The CIWMP goals, objectives, and policies are still applicable and consistent with PRC 40051 and 40052. The selected programs for each component were reviewed. Nearly all programs were being implemented. The annual reports and the Planning Annual Report Information System (PARIS) for the regional agency are up to date. Although there have been some changes in program implementation, schedules, costs, and results, these changes are not considered to be significant.

Furthermore, it is felt that continued emphasis on program development, evaluation, and implementation are more important than refining the CIWMP documents through a revision.

The default diversion rates for the County and two cities are depicted in Table 6-1. The base year for the cities is 1999; for the County, 1990. The County recently submitted a waste generation study for the year 2003 in support for requesting a new base year. All three jurisdictions sought to derive a more accurate method for measuring their diversion rate. The historical diversion rates for the cities since 1999 and for the County in 2003 (with approval of the new 2003 waste generation study) appear to reasonably reflect the impact of diversion program performance.

Table 6-1. Diversion Rate Trends (1990, 1995-2003) *

Year	City of Chowchilla	City of Madera	Unincorporated County
1990	63%	12%	37%
1995	61%	26%	31%
1996	60%	22%	41%
1997	59%	27%	39%
1998	24%	21%	45%
1999	50%	50%	45%
2000	48%	50%	43%
2001	47%	43%	41%
2002	54%	45%	36%
2003	58%	48%	29% (73%) **

* Source: CIWMB Website - Diversion Rate Summary (Results) and annual reports.

** The 73% diversion rate resulted from the 2003 waste generation study (63%) plus a biomass diversion credit (10%).

DEMOGRAPHICS

The standard calculation method for determining the diversion rates depends upon CIWMB-default adjustment factors, for example: population, employment, taxable sales, and the consumer price index (CPI). Table 6-2 depicts demographic trends from 1990 to 2003. Countywide population and employment have increased 49% and 53%, respectively, from 1990 to 2003. The increased population and employment gains represent a growth rate approximating 4% per year.

Table 6-2. Demographic Trends for County (1990-2003) *

Demographic Factor	1990	2003	% Change	% Change/Year
Population				
City of Chowchilla	5,930	14,400	142.83%	10.99%
City of Madera	29,283	47,150	61.01%	4.69%
Unincorporated County	52,877	70,000	32.38%	2.49%
Countywide	88,090	131,550	49.34%	3.80%
Employment (Industry)				
Countywide	25,800	39,500	53.10%	4.08%
Taxable Sales				
City of Chowchilla	\$42,299,000	\$71,383,000	68.76%	5.29%
City of Madera	\$236,032,000	\$420,414,000	78.12%	6.01%
Unincorporated County	\$227,362,000	\$396,244,000	74.28%	5.71%
Countywide	\$505,693,000	\$888,041,000	75.61%	5.82%
CPI				
Statewide	135.0	190.4	41.04%	3.16%

* Source: CIWMB Website (www.ciwmb.ca.gov/LGTools/DivMeasure/JuAdjFac.asp), CIWMB Default Adjustment Factors, January 19, 2004.

Significant growth occurred in population from 1990 to 2003 while industry employment increased by 53%; taxable sales, by 76% (countywide); and the consumer price index (CPI), by 41%, over this 13-year period.

These factors are important because they are used to calculate the estimated waste generation and diversion rates when using the CIWMB adjustment methodology for diversion rate measurement. Demographic growth infers increased waste generation.

The demographic factors identified in Table 6-2 are used in the CIWMB adjustment methodology to project waste generation estimates for reporting years and to determine the diversion rate for each year. Generally, the greater the increase in the demographic factors, the greater is the estimated waste generation.

The source of waste generation by sector is estimated by the percentage of the waste stream generated from the residential sector (single family homes and household units up to four households) and the nonresidential sector (e.g., commercial and industrial enterprises). The sector percentages of waste generation for each jurisdiction are:

- 25% residential, 75% nonresidential for the City of Chowchilla;
- 38% residential; 61% nonresidential for the City of Madera; and
- 11% residential; 89% nonresidential for the unincorporated area of the County.

The residential sector is further divided by type of dwelling in Table 6-3.

Table 6-3. Residential Sector Household Dwelling Trends (1990-2003) *

Demographic Factor	1990	2003	% Change	% Change/Year
Single Family Dwellings				
City of Chowchilla	1,873	2,282	21.8%	1.7%
City of Madera	6,649	9,552	43.7%	3.4%
Unincorporated Area	15,440	22,173	43.6%	3.4%
Countywide	23,962	34,007	41.9%	3.2%
Multi-Family Dwellings				
City of Chowchilla	367	556	51.5%	4.0%
City of Madera	2,617	3,489	33.3%	2.6%
Unincorporated Area	842	1,017	20.8%	1.6%
Countywide	3,826	5,062	32.3%	2.5%
Mobile Homes				
City of Chowchilla	31	36	16.1%	1.2%
City of Madera	265	301	13.6%	1.0%
Unincorporated Area	2,747	3,086	12.3%	0.9%
Countywide	3,043	3,423	12.5%	1.0%

* Source: Department of Finance Demographic Data, (www.dof.ca.gov/HTML/DEMOGRP/E-5text.htm for 1990, www.dof.ca.gov/HTML/DEMOGRP/E-5text2.htm for 2003), 7/31/05.

QUANTITIES OF WASTE

The CIWMB-approved base year waste generation (BYWG) and BY residential waste generation quantities are presented in Table 6-4. This data provides the baseline waste generation level from which future waste generation is derived.

Table 6-4. Base Year Waste Generation Analysis *

Jurisdiction	Base Year	BYWG (tons)	Base Year Population	BYWG Per Capita (ppd)	% Res	BY Res WG (tons)	BYRWG Per Capita (ppd)
Chowchilla	1990	10,777	5,930	9.96	20.00%	2,155	1.99
Chowchilla	1999	22,711	14,850	8.38	25.00%	5,678	2.10
Madera	1990	35,727	29,283	6.69	38.00%	13,576	2.54
Madera	1999	70,427	41,550	9.29	38.00%	26,762	3.53
County	1990	66,678	52,877	6.91	11.00%	7,335	0.76
County **	2003	176,612	70,000	13.51	19.14%	33,038	2.59

* Source: CIWMB Website, Diversion Rate Measurement Calculation.

** On November 9, 2004 the County submitted a request for a new 2003 base year; the submitted waste generation study has not yet been approved by the CIWMB.

The per capita waste generation for the base years are identified in Table 6-4 as 8.38, 9.29, and 13.51 ppd for Chowchilla, Madera, and the County. The statewide average per capita waste generation in 1990-1991 was approximately 9 pounds per person per day. The cities' base year per capita's are comparable with the 1990-1991 statewide average, whereas the County's 2003 base year per capita is notably higher.

The CIWMB adjustment methodology was used to derive the estimated reporting year waste generation (RYWG) levels for the County. Disposal tonnage was obtained from the CIWMB Disposal Reporting System (DRS). Diversion tons was derived as the difference between RYWG and disposal. The results are presented in Tables 6-5, 6-6, and 6-7 for each jurisdiction.

Table 6-5. Historical Waste Quantities for the City of Chowchilla

Year	BYWG (tons)	RYWG (tons)	% Change (yr to yr)	Disposal (tons)	% Change (yr to yr)	Diversion (tons)	Div Rate (%)
1990	10,777	10,777		3,980		6,797	63.07%
1995	10,777	12,112		4,719	19%	7,393	61.04%
1996	10,777	12,423		5,021	6%	7,402	59.58%
1997	10,777	13,681		5,553	11%	8,128	59.41%
1998	10,777	14,018		10,710	93%	3,308	23.60%
1999	22,711	22,711		11,393	6%	11,318	49.83%
2000	22,711	23,954	5%	12,483	10%	11,471	47.89%
2001	22,711	23,766	-1%	12,698	2%	11,068	46.57%
2002	22,711	24,343	2%	11,180	-12%	13,163	54.07%
2003	22,711	24,431	0%	10,240	-8%	14,191	58.09%

Table 6-6. Historical Waste Quantities for the City of Madera

Year	BYWG (tons)	RYWG (tons)	% Change (yr to yr)	Disposal (tons)	% Change (yr to yr)	Diversion (tons)	Div Rate (%)
1990	35,727	35,727		31,340		4,387	12.28%
1995	35,727	40,426		29,838		10,588	26.19%
1996	35,727	41,460		32,443	9%	9,017	21.75%
1997	35,727	42,303		31,031	-4%	11,272	26.65%
1998	35,727	43,568		34,217	10%	9,351	21.46%
1999	70,427	70,427		35,542	4%	34,885	49.53%
2000	70,427	73,936	5%	37,012	4%	36,924	49.94%
2001	70,427	71,599	-3%	40,566	10%	31,033	43.34%
2002	70,427	73,730	3%	40,402	0%	33,328	45.20%
2003	70,427	76,410	4%	40,036	-1%	36,374	47.60%

Table 6-7. Historical Waste Quantities for the County Unincorporated Area

Year	BYWG (tons)	RYWG (tons)	% Change (yr to yr)	Disposal (tons)	% Change (yr to yr)	Diversion (tons)	Div Rate (%)
1990	66,678	66,678		42,040		24,638	36.95%
1995	66,678	62,917		43,536		19,381	30.80%
1996	66,678	76,207	21%	44,656	3%	31,551	41.40%
1997	66,678	77,241	1%	47,422	6%	29,819	38.61%
1998	66,678	80,009	4%	43,990	-7%	36,019	45.02%
1999	66,678	80,949	1%	44,224	1%	36,725	45.37%
2000	66,678	85,173	5%	48,826	10%	36,347	42.67%
2001	66,678	85,554	0%	50,351	3%	35,203	41.15%
2002	66,678	86,864	2%	55,314	10%	31,550	36.32%
2003	66,678	92,640	7%	66,105	20%	26,535	28.64%
2003 *	172,612	172,612	N/A	63,873	N/A	108,739	63.00%

* New 2003 waste generation study results, as submitted to the CIWMB on November 9, 2004.

Table 6-8. Comparison of Projected SRRE Disposal vs. Reported Disposal for Year 2000

Jurisdiction	Year 2000 Disposal Tonnage		% Difference
	SRRE Projected *	Reported (DRS) **	
City of Chowchilla	4,991	12,483	+150%
City of Madera	26,199	37,012	+41%
County Unincorporated Area	75,358	48,826	-35%
Countywide	106,548	98,321	-8%

* Source: CIWMB Agenda Item at 12/19/97 CIWMB Board meeting when the SRRE's were approved for Chowchilla and Madera; 1/17/96 CIWMB Board meeting when SRRE was approved for the County.

** Source: CIWMB Disposal Reporting System (DRS).

Tables 6-9, 6-10, and 6-11 present the biennial review status and determinations resulting from CIWMB staff biennial reviews of all three jurisdictions.

Table 6-9. Biennial Review Status for the City of Chowchilla (1995-2003)

Year	Diversion Rate	Biennial Review Status
1995	61%	Board Approved
1996	60%	Board Approved
1997	59%	Board Accepted
1998	24%	Board Accepted
1999	50%	Board Approved GFE *
2000	48%	Board Approved GFE *
2001	47%	Board Approved
2002	54%	Board Approved
2003	58%	Biennial Review Not Yet Completed

* GFE stands for "good faith effort".

Table 6-10. Biennial Review Status for the City of Madera (1995-2003)

Year	Diversion Rate	Biennial Review Status
1995	26%	Board Approved
1996	22%	Board Approved
1997	27%	Board Accepted
1998	21%	Board Accepted
1999	50%	Board Approved
2000	50%	Board Approved
2001	43%	Board Approved SB 1066 Time Extension through 12/31/05
2002	45%	Board Approved SB 1066 Time Extension through 12/31/05
2003	48%	Biennial Review Not Yet Completed

Table 6-11. Biennial Review Status for the County (1995-2003)

Year	Diversion Rate	Biennial Review Status
1995	31%	Board Approved
1996	41%	Board Approved
1997	39%	Board Accepted
1998	45%	Board Accepted
1999	45%	Board Approved GFE
2000	43%	Board Approved GFE
2001	41%	Board Approved SB 1066 Alternative Diversion Requirement (47.5%) through 12/31/04
2002	36%	Board Approved SB 1066 Alternative Diversion Requirement (47.5%) through 12/31/04
2003	29%, 63% *	Biennial Review Not Yet Completed

* 29% is the default rate; 63% represents the new base year waste generation study, as submitted, without the 10% biomass credit.

FUNDING SOURCES

No significant changes have occurred in the basic funding sources for the administration of the CSE. The primary source of funding for program implementation in the cities and the County are:

- City of Chowchilla (collection franchise fees, landfill surcharge)
- City of Madera (collection franchise fees, landfill surcharge)
- County (tipping fees at the landfill, collection fees, general tax revenues)

Grant funds have provided supplementary funding for certain programs. Contingent funding sources identified were:

- Special taxes or assessments;
- Rate structure modification;
- Community development block grants; and
- Other grant funding sources.

No significant changes have occurred in the basic funding sources for the administration of the CSE.

ADMINISTRATIVE RESPONSIBILITIES

Although there have been significant changes in staffing coupled with the reorganization of responsible personnel, current staffing levels have been strengthened in all three jurisdictions. It is anticipated that significant progress will occur in the administration of the CIWMP in 2005 and subsequent years. Within the County, the Department of Engineering and General Services includes a Solid Waste Division. Solid waste management activities within the Cities have been assigned to the City of Chowchilla City Administrator's Office and the City of Madera Department of Public Works.

The County and cities have reported to the CIWMB from year-to-year through the annual reports by the primary responsible individuals for AB 939.

PROGRAM IMPLEMENTATION

On February 23, 1999, the CIWMB approved the County's petition to reduce the planning requirements on the Summary Plan for the County. Thus, the County was granted an exemption from preparing a Summary Plan.

Identical goals were established in the SRRE for each jurisdiction, namely:

- 1) Attempt to meet or exceed state-mandated waste diversion rates through source reduction, recycling, and composting.
- 2) Maximize source reduction, recycling, and composting opportunities within the City and County.

- 3) Minimize adverse environmental impacts and ensure public health and safety.
- 4) Increase public awareness of the need to reduce and recycle the solid waste stream and provide information on how to participate in the local community programs.
- 5) Expand and develop the sense of community pride in order to maximize participation in source reduction, recycling, and composting programs.
- 6) Encourage and foster the participation of solid waste refuse collectors and the commercial sector in the solid waste management planning process and the implementation of necessary programs.
- 7) Develop and expand local and regional markets for diverted materials.
- 8) Ensure proper disposal of wastes that cannot be reduced, reused, recycled, or composted.
- 9) Divert hazardous wastes from disposal in landfills.
- 10) Extend the lifetime of existing landfills in the County.

All of these goals remain applicable. Relevant objectives were also stated in the component sections of each jurisdiction's SRRE. Objectives were also identified in the multi-jurisdictional HHWE. The HHWE objectives remain applicable.

Program implementation, as documented by the County, City of Chowchilla, and City of Madera in the annual reports has been occurring. Most selected programs have been implemented and new programs started. The most effective programs have been those undertaken in the nonresidential sector and at the Fairmead Landfill. Drop-off programs have been established and operated. Initiatives have commenced to expand curbside collection programs in the residential sector where population densities warrant. These programs are being implemented for the collection of recyclables and yard waste.

Nearly all selected programs have been implemented. Please see Tables 6-12, 6-13, and 6-14. The following codes are used in Tables 6-12, 6-13, and 6-14.

- SO Selected Ongoing (Program selected in the SRRE and HHWE with continuing implementation.)
- AO Alternative Ongoing (Program not selected in the SRRE and HHWE but now being implemented.)
- SI Selected Implemented (Program selected in the SRRE/HHWE and completed.)
- DE Dropped in Earlier Year (Program selected in the SRRE/HHWE but dropped.)
- NI Selected and Not Implemented (Program selected in the SRRE/HHWE and not implemented.)
- PF Planned Future (Program selected in the SRRE/HHWE and implementation is planned in the future.)

The cities and County have updated implementation activities in the annual reports and the "Planning Annual Report Information System" (PARIS). All three jurisdictions have submitted annual reports for reporting progress on an annual basis since 1995. The annual reports have provided updated information concerning program implementation. Program implementation, as documented in the annual reports, has been sustained, enhanced, and, in some cases, expanded. Most selected programs have been implemented and new programs started.

Table 6-12. Diversion Program Implementation Status in 2003 *

Program	PARIS	City of Chowchilla	City of Madera	County
Source Reduction Programs				
Xeri/Grasscycling	1000	SO	SO	SO
Backyard Composting	1010	SO	SO	SO **
Business Waste Reduction	1020	SO	SO **	SO
Procurement	1030	SO	SO	SI
School Source Reduction	1040			AO
Government Source Reduction	1050	SO	SO	SO
Material Exchange/Thrift	1060			AO
Recycling Programs				
Residential Curbside	2000	SO	SO **	**
Residential Drop-off	2010	SO	SO	SO **
Buyback Centers	2020	SO	SO	SO
Commercial Onsite Pick Up	2030	SO	SO **	AO
Commercial Self haul	2040		AO **	SO **
Schools	2050			SO
Government Recycling	2060			AO
Special Collect/Seasonal	2070			AO
Special Collection Events	2080			AO
Other Recycling	2090	SO		SO
MRF	7000	SO	SO	AO **
Landfill	7010	AO	SO	SO
ADC	7040		AO	AO
Composting				
Residential Curbside GW	3000	SO	SO **	**
Residential GW Self haul	3010		SO	AO
Commercial GW Pickup	3020			
Commercial GW Self haul	3030			AO
Food Waste Composting	3040			
School Composting	3050			
Government Composting	3060			
Other Composting/Vineyard Soil Additive	3070			AO
Composting Facility	7030	SO	PF	**
Special Waste Diversion Programs				
Ash	4000	D	SI	SO
Sludge	4010	SO	SO	SO
Tire Recycling	4020	SO	SO	SO
White Goods	4030	SO	SO	AO
Scrap Metal	4040	SO	SO	AO
Wood Waste	4050	SO	SO	AO
Concrete, Asphalt, Rubble	4060	SO	SO **	SO
Rendering	4090	SO	SO	SO
Other Special Waste	4100	SO	SO	SO
Biomass/Co-generation Diversion				
Biomass/Cogeneration	8010	SO	AO	SO
Transformation/Tires	8020			SO

* Information obtained from the 2003 annual reports.

** Programs identified in SB 1066 request.

Table 6-13. HHW Management Program Implementation *

Program	PARIS	City of Chowchilla	City of Madera	County
Permanent Facility	9000	SO	SO	SO
Mobile/Periodic Collection	9010	SO	SO	SO
Curbside Collection	9020			
Waste Exchange	9030			
Education Programs	9040	SO	SO	SO
Other HHW Program (Load Checking)	9050	SO	SO	SO

* Information obtained from the 2003 annual reports.

Table 6-14. Public Education Program Implementation *

Program	PARIS	City of Chowchilla	City of Madera	County
Electronic	5000	SO	SO **	SO **
Print	5010	SO	SO **	SO **
Outreach	5020	SO	SO **	SO **
Schools	5030	SO	SO	SO
Other Public Education	5040			D (No Need)
Economic Incentives	6010	SO	SO **	SO **
Ordinances	6020	SO	PF **	SO **

* Information obtained from the 2003 annual reports.

** Programs identified in SB 1066 request.

The collection of selected SRRE programs and the addition of program emphasis provided through the SB 1066 requests approved for the City of Madera and the County appear to target the type of wastes being generated and the programs necessary to meet the goals of AB 939. Thus, the plans (e.g., CIWMP) appear to be appropriate. The HHWE selected programs also appear to be focused appropriately. Three one-day collection events were held in Chowchilla, Madera, and Oakhurst. No events were held in 2003 due to budgetary constraints. A permanent HHW collection facility has been built and a revised solid waste facility permit issued for the Fairmead Landfill where the PHHWCF is located. All three jurisdictions are presently working on a funding mechanism to facilitate operation of the facility. There exist 11 certified used oil recycling centers throughout the county.

Nondisposal Facilities. Nondisposal facilities, which were identified in each jurisdiction's Nondisposal Facility Element (NDFE), are listed in Table 6-15.

Table 6-15. Nondisposal Facilities Used or Planned for Use by the Jurisdictions

Name/Type of Facility	Chowchilla	Madera	County
American Avenue Disposal Site (existing)		✓	
City of Madera Yard Waste Composting Facility (proposed)		✓	
EMADCO Transfer Station (existing)			✓
Mammoth MRF and Transfer Station (existing)	✓	✓	✓
North Fork Transfer Station (existing)			✓
Rice Road Recyclery and Transfer Station (existing)		✓	

Countywide Siting Element. The goals identified in the Countywide Siting Element (CSE) were:

- 1) Madera County will provide and maintain adequate landfill disposal capacity within Madera County for refuse generated in Madera County that will need to be landfilled after maximizing efforts for source reduction, recycling, and composting.
- 2) Madera County will continue to expand the Mammoth MRF and the Fairmead Landfill to provide adequate capacity for refuse generated in the cities of Madera and Chowchilla and in the unincorporated areas of the County.
- 3) Madera County will provide for the operation and maintenance of the Mammoth MRF and the Fairmead Landfill in a manner that will minimize adverse environmental impacts and ensure public health and safety.
- 4) Madera County will provide for the operation and maintenance of the Mammoth MRF and the Fairmead Landfill efficiently and cost-effectively and in a manner that is convenient for its users.
- 5) Madera County will provide for the processing and transfer of refuse delivered to the North Fork Transfer Station and Mammoth MRF efficiently and cost-effectively and in a manner that is convenient for its users.
- 6) The Siting Element will be adopted by the City Councils of Madera and Chowchilla and by the Madera County Board of Supervisors.

These goals remain applicable.

The closure date estimated in the CSE was 2026 – exceeding the 15-year capacity requirement. Since the expansion design was approved on July 19, 2005, the closure date is now 2033, still exceeding the 15-year disposal capacity requirement.

A siting criteria was developed for the CSE and remains applicable. No new known solid waste disposal facility in the county has been proposed. Under the direction of the County Board of Supervisors, the Department of Engineering and General Services has the responsibility to operate and maintain all solid waste disposal facilities for the unincorporated areas of the county. Funding to support the administration and maintenance of the siting program is generated from tipping fees collected at the Fairmead Landfill.

The County reported in the 2003 Annual Report that the CSE does not need to be revised.

PERMITTED DISPOSAL CAPACITY

As noted previously in this report, permitted disposal capacity is now available in the County. Most wastes, which cannot be diverted, are transported to a network of active facilities (e.g., Mammoth MRF, transfer stations, and the Fairmead Landfill).

AVAILABLE MARKETS

Markets for recovered recyclable materials have been variable. Though the market “material quantity” supply and demand and resulting market prices often fluctuate, outlets are

available. The City and the County have relied upon the private sector for the marketability of recovered waste materials. The private sector accumulates sufficient recyclable materials quantities for shipment to markets. On February 15, 2005, the Madera County Recycling Market Development Zone (RMDZ) was renewed by the CIWMB. The CIWMB found that the renewal of the RMDZ will contribute in creating a more sustainable regional economy by stimulating additional markets for recyclables, increasing diversion of post-consumer and secondary waste materials, and increasing jobs and revenues in local communities.

IMPLEMENTATION SCHEDULE

Changes in the implementation schedule have occurred but have not adversely affected the ability of the County to realize planned diversion goals.

OTHER ISSUES

Nearly all of the selected and contingent programs have been and are continuing to be implemented. The jurisdictions recognize to the importance of strengthening implementation commitment and resources. Although a few programs have been modified, overall program implementation has been discussed in the annual reports and the PARIS has been kept updated. The County and City continue to monitor evolving compliance issues.

The jurisdictions feel that the most effective allocation of available resources at this time is to continue to utilize the existing CIWMP as a planning tool augmented by the annual reports. City and County resources are best directed toward the development and implementation of programs rather than revising current planning documents.

Where feasible and practical, increased efforts may be directed to quantifying (or estimating) diversion tonnages for implemented programs and recoverable materials. Through input provided by each jurisdiction, the annual reports will continue to be updated to reflect current performance and identify any changes desired in program selection and implementation. The cities and the County do not feel that revision of the CIWMP is desirable at this time.

CHAPTER 7.0 SUPPLEMENTARY INFORMATION

The following appendices are included in this section.

Appendix A	Relevant Sections of the Public Resources Code
Appendix B	California Code of Regulations Section 18788
Appendix C	July 21, 2000 CIWMB Letter
Appendix D	LTF Membership
Appendix E	Presentation Outline for the LTF's March 17 th , 2005 Meeting
Appendix F	April 20 th , 2005 LTF Letter to the County

APPENDIX A. RELEVANT PUBLIC RESOURCE CODE SECTIONS

The requirement for periodic review by jurisdictions of the CIWMP is included in PRC Sections 41822 and 41770. The review requirement references PRC Sections 40051, 40052, 41751, and 41780. The verbatim text of all of these sections is included below.

PRC SECTION 41822

Each city, County, or regional agency shall review its source reduction and recycling element or the Countywide integrated waste management plan at least once every five years to correct any deficiencies in the element or plan, to comply with the source reduction and recycling requirements established under Section 41780, and to revise the documents, as necessary, to comply with this part. Any revision made to an element or plan pursuant to this section shall be submitted to the board for review and approval or disapproval pursuant to the schedule established under this chapter.

PRC SECTION 41770

- (a) Each Countywide or regional agency integrated waste management plan, and the elements thereof, shall be reviewed, revised, if necessary, and submitted to the board every five years in accordance with the schedule set forth under Chapter 7 (commencing with Section 41800).
- (b) Any revisions to a Countywide or regional agency integrated waste management plan, and the elements thereof, shall use a waste disposal characterization method that the board shall develop for the use of the city, County, city and County, or regional agency. The city, County, city and County, or regional agency shall conduct waste disposal characterization studies, as prescribed by the board, if it fails to meet the diversion requirements of Section 41780, at the time of the five-year revision of the source reduction and recycling element.
- (c) The board may review and revise its regulations governing the contents of revised source reduction and recycling elements to reduce duplications in one or more components of these revised elements.

PRC SECTION 41780

- (a) Each city or County source reduction and recycling element shall include an implementation schedule that shows both of the following:
 - (1) For the initial element, the city or County shall divert 25 percent of all solid waste from landfill disposal or transformation by January 1, 1995, through source reduction, recycling, and composting activities.
 - (2) Except as provided in Sections 41783, 41784, and 41785, for the first and each subsequent revision of the element, the city or County shall divert 50 percent of all solid waste on and after January 1, 2000, through source reduction, recycling, and composting activities.
- (b) Nothing in this part prohibits a city or County from implementing source reduction, recycling, and composting activities designed to exceed these requirements.

PRC SECTION 40051

In implementing this division, the board and local agencies shall do both of the following:

- (a) Promote the following waste management practices in order of priority:
 - (1) Source reduction.
 - (2) Recycling and composting.
 - (3) Environmentally safe transformation and environmentally safe land disposal, at the discretion of the city or County.
- (b) Maximize the use of all feasible source reduction, recycling, and composting options in order to reduce the amount of solid waste that must be disposed of by transformation and land disposal. For wastes that cannot feasibly be reduced at their source, recycled, or composted, the local agency may use environmentally safe transformation or environmentally safe land disposal, or both of those practices.

PRC SECTION 40052

The purpose of this division is to reduce, recycle, and reuse solid waste generated in the state to the maximum extent feasible in an efficient and cost-effective manner to conserve water, energy and other natural resources, to protect the environment, to improve regulation of existing solid waste landfills, to ensure that new solid waste landfills are environmentally sound, to improve permitting procedures for solid waste management facilities, and to specify the responsibilities of local governments to develop and implement integrated waste management programs.

PRC SECTION 41751

The Countywide integrated waste management plan shall include a summary of significant waste management problems facing the County or city and County. The plan shall provide an overview of the specific steps that will be taken by local agencies, acting independently and in concert, to achieve the purposes of this division. The plan shall contain a statement of the goals and objectives set forth by the Countywide task force created pursuant to Chapter 1 (commencing with Section 40900).

APPENDIX B. CALIFORNIA CODE OF REGULATIONS SECTION 18788

CCR Section 18788. Five-Year Review and Revision of the Countywide or Regional Agency Integrated Waste Management Plan.

(a) CIWMP or CIWMP Review. Prior to the fifth anniversary of Board approval of a CIWMP or CIWMP, or its most recent revision, the LTF shall complete a review of the CIWMP or CIWMP in accordance with Public Resources Code Sections 40051, 40052, and 41822, to assure that the County's and regional agency's waste management practices remain consistent with the hierarchy of waste management practices defined in Public Resources Code, Section 40051.

(1) Prior to the fifth anniversary of Board approval of the CIWMP or CIWMP, the LTF shall submit written comments on areas of the CIWMP or CIWMP, which require revision, if any, to the County or regional agency and the Board.

(2) Within 45 days of receiving LTF comments, the County or regional agency shall determine if a revision is necessary, and notify the LTF and the Board of its findings in a CIWMP or CIWMP Review Report.

(3) When preparing the CIWMP or CIWMP Review Report the County or regional agency shall address at least the following:

- (A) changes in demographics in the County or regional agency;
- (B) changes in quantities of waste within the County or regional agency;
- (C) changes in funding sources for administration of the Siting Element and Summary Plan;
- (D) changes in administrative responsibilities;
- (E) programs that were scheduled to be implemented but were not, a statement as to why they were not implemented, the progress of programs that were implemented, a statement as to whether programs are meeting their goals, and if not what contingency measures are being enacted to ensure compliance with Public Resources Code section 41751;
- (F) changes in permitted disposal capacity, and quantities of waste disposed of in the County or regional agency;
- (G) changes in available markets for recyclable materials; and
- (H) changes in the implementation schedule.

(4) Within 90 days of receipt of the CIWMP or CIWMP Review Report, the Board shall review the County's or regional agency's findings, and at a public hearing, approve or disapprove the County's or regional agency's findings. Within 30 days of its action, the Board shall send a copy of its resolution, approving or disapproving the County's or regional agency's findings, to the LTF and the County or regional agency. If the Board has identified additional areas that require revision, the Board shall identify those areas in its resolution.

(b) CIWMP or CIWMP Revision. If a revision is necessary the County or regional agency shall submit a CIWMP or CIWMP revision schedule to the Board.

(1) The County or regional agency shall revise the CIWMP or CIWMP in the areas noted as deficient in the CIWMP or CIWMP Review Report and/or as identified by the Board.

(2) The County or regional agency shall revise and resubmit its CIWMP or CIWMP pursuant to the requirements of sections 18780 through 18784 of this article.

(c) The County shall submit all revisions of its CIWMP to the Board for approval. The revised CIWMP shall be reviewed pursuant to the requirements of sections 18784 through 18786 of this article.

(d) The regional agency shall submit all revisions of its CIWMP to the Board for approval. The revised CIWMP shall be reviewed pursuant to the requirements of sections 18784 through 18786 of this article.

Note: *Authority: Section 40502 of the Public Resources Code.*

Reference: Sections 40051, 40052, 41750, 41760, 41770, & 41822 of the Public Resources Code

APPENDIX C. JULY 21, 2000 CIWMB LETTER

A copy of the July 21, 2000 correspondence regarding the "Five-Year Revision Process" sent to all city/County contacts from Ms. Cara Morgan, Acting Branch Manager, Office of Local Assistance, CIWMB is included in this appendix.

California Integrated Waste Management Board

Linda Moulton-Patterson, Chair

8800 Cal Center Drive • Sacramento California 95826 • (916) 255-2200

www.ciwmb.ca.gov



Gray Davis
Governor

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July 21, 2000

*This letter was also sent
to all City/County contacts.*

Jim Greco
County of El Dorado
PO Box 5177
El Dorado Hills, CA 95762

Re: FIVE-YEAR REVISION PROCESS

The purpose of this letter is to clarify the Board's oversight of the five-year revision process. The Board previously sent notification to jurisdictions on October 30, 1998 regarding the Board's oversight of the 5-year revision process. While still maintaining the integrity and intent of AB 939, the Board is also very interested with assisting jurisdictions in the development of efficient and effective planning and reporting processes.

Existing law (PRC Section 41770) states that "each countywide or regional agency integrated waste management plan, and the elements thereof, shall be reviewed, revised, if necessary, and submitted to the Board every five years in accordance with the schedule set forth under Chapter 7 (commencing with Section 41800)." The following items provide specific information regarding the five-year revision process.

- Title 14 of the California Code of Regulations, Sections 18788 provides that the five-year revision schedule is calculated from the date of Board approval of the original Countywide Integrated Waste Management Plan and all its elements, not the approval dates of the individual elements;
- *CCR*
PRC Section 18788 provides that prior to the fifth anniversary of Board approval of a countywide or regional agency integrated waste management plan (CIWMP or RAIWMP), or its most recent revision, the Local Task Force (LTF) shall complete a review of the CIWMP or RAIWMP in accordance with PRC Sections 40051, 40052, and 41822, to assure that the county's and regional agency's waste management practices remain consistent with the hierarchy of waste management practices defined in PRC Section 40051. The LTF shall submit written comments on areas of the CIWMP or RAIWMP, which require revision, if any, to the county or regional agency and the Board.

Jim Greco
July 21, 2000
Page 2

- Submittal of a five-year revision is only required if either the Board or the jurisdiction determines that a revision would be necessary "to correct any deficiencies in the element or plan, [and] to comply with the source reduction and recycling requirements established under Section 41780" as required by PRC Section 41822. The Board's Legal staff has determined that jurisdictions can utilize their Annual Reports to the Board to update program information where it has been determined that a revision is not necessary. In addition to the updates in the Annual Report, the LTF comments and the CIWMP/RAIWMP Review Report should be included.
- Jurisdictions that have determined that a five-year revision is necessary may include the revision under cover of the existing Annual Report document that is to be submitted to the Board for that year. The procedures set forth in 14 CCR 18788 must still be complied with before the Board can consider approval of the five-year revision document.

We hope this clarifies any questions you may have regarding the five-year revision process. If you have any questions regarding this process, please feel free to contact your Office of Local Assistance representative at (916) 255-2555.

Sincerely,



Cara Morgan, Acting Branch Manager
Office of Local Assistance

Attachment

APPENDIX D. LTF MEMBERSHIP

The membership of the Local Task Force (LTF) was reconstituted on January 18, 2005 by the Madera County Board of Supervisors. The membership is identified in Table D-1.

Table D-1. Madera County Local Task Force Membership

#	Member Name	Representation
1	Stanley Koehler (Assistant CAO)	County of Madera
2	David Prentice (County Counsel)	County of Madera
3	(County Engineer)	County of Madera
4	Jill Nishi (Director of Environmental Health)	County of Madera
5	Ray Beach (County Planning Director)	County of Madera
6	David Tooley (City Administrator)	City of Madera
7	Nancy Red (City Administrator)	City of Chowchilla
8	David Jones (Franchise Collector & LF Operator)	Madera Disposal Systems, inc.
9	Keith Hester (Franchise Collector)	BFI Waste Systems
10	Morrison Williams (Franchise Collector)	EMADCO Disposal
11	Duff Bryant	Member at Large

APPENDIX E. LTF MEETING INFORMATION MATERIALS

Madera County AB 939 Local Task Force March 17th, 2005 Meeting at 10:00 a.m.

Proposed Agenda

- 1) Introductions of All LTF Members
- 2) Overview of County and Cities' Responsibilities for the Five-Year Review of the County Integrated Waste Management Plan (CIWMP)
- 3) Status of Compliance by the Cities and County
- 4) Overview of AB 939 Diversion Rates for the Cities and County
- 5) Summary of AB 939 Planning Documents (e.g., CIWMP)
 - City of Chowchilla Source Reduction and Recycling Element (SRRE)
 - City of Chowchilla Nondisposal Facility Element (NDFE)
 - City of Chowchilla Household Hazardous Waste Element (HHWE)
 - City of Madera SRRE
 - City of Madera NDFE
 - City of Madera HHWE
 - County of Madera SRRE
 - County of Madera NDFE
 - County of Madera HHWE
 - County of Madera Countywide Siting Element
- 6) Discussion about the Applicability of the CIWMP to Meet Diversion Goals and Compliance
- 7) LTF Determination about Revision of the CIWMP
- 8) Any Other CIWMP Issues
- 9) Adjourn

COUNTY INTEGRATED WASTE MANAGEMENT PLAN (CIWMP) FIVE-YEAR REVIEW

March 17th, 2005 LTF Meeting CIWMP Five-Year Review Process

1. Overview of Statutory Requirement and Process

- **LTF Letter.** County Local Task Force (LTF) Review by 5th Year Anniversary with Written Comments to County and CIWMB (Madera County's CIWMP was approved by CIWMB on 11/15/99; 5th Year Anniversary is 11/15/04).
- **County CIWMP Five-Year Review Report.** Report sent to LTF and CIWMB *within 45 days* of Receipt of LTF Letter.
- **CIWMB Review.** CIWMB Review of "RAIWMP Review Report" *within 90 days* to approve or disapprove of County's findings.

2. 26 CIWMP/RAIWMP Reviews Have Been Approved as of March 17th, 2005 (El Dorado County was the 1st on 4/24/01); at least 54 were to have started the review process by January 30, 2005.

3. CIWMB Policy has been expressed in July 21, 2000 letter sent to all jurisdictions by Cara Morgan, which states:

"Submittal of a five-year revision is only required if either the Board or the jurisdiction determines that a revision would be necessary 'to correct any deficiencies in the element or plan, to comply with the source reduction and recycling requirements established under section 41780' as required by PRC Section 41822. The Board's Legal staff has determined that jurisdictions can utilize their Annual Reports to the Board to update program information where it has been determined that a revision is not necessary. In addition to the updates in the Annual Report, the LTF comments and the RAIWMP Review Report should be included."

4. Meaning of the Term "Revision" – Requires CEQA and Public Review Process with Actions Required by Resolution by City Councils and the Board of Supervisors

5. Jim Greco Will Present Overview Comments Concerning:

- * Demographics (countywide population, employment changes, and taxable sales transactions changes). These factors affect estimated waste generation.
- * Estimated waste generation accuracy.
- * Funding and administrative resources.
- * Program implementation status.
- * Countywide permitted disposal capacity.
- * Markets for recoverable materials.
- * The goals, policies, and objectives stated in the Summary Plan.
- * Other relevant issues.

3) STATUS OF COMPLIANCE

- City of Chowchilla 2001/2002 Biennial Review of Its SRRE and HHWE approved by CIWMB on 8/17/04.
- City of Madera SB 1066 Time Extension to 12/31/05 approved by CIWMB on 3/15/05.
- County of Madera
 - SB 1066 Alternative Diversion Requirement of 47.5% through 12/31/04 approved by CIWMB on 1/14/03; completion determination by CIWMB pending.
 - nearly issued a CO in September 2004; notice still applicable.
 - submitted a waste generation study on 11/9/04; pending CIWMB review.

4) DIVERSION RATES

Table 6-1. Diversion Rate Trends (1990, 1995-2003) *

Year	Chowchilla	Madera	County
1990	63%	12%	(54%) 37%
1995	61%	26%	31%
1996	60%	22%	41%
1997	59%	27%	39%
1998	24%	21%	45%
1999 **	50%	50%	45%
2000	48%	50%	43%
2001	47%	43%	41%
2002	54%	45%	36%
2003 ***	58%	48%	29% (63%, 73%)

* Information obtained from CIWMB website.

** New base year (NBY) waste generation study (WGS) for both cities.

*** NBY WGS for County submitted to CIWMB on 11/9/04; pending review.

Table 6-1A. Estimated Waste Generation Tonnage Trends (1990, 1995-2003) *

Year	City of Chowchilla	City of Madera	County
1990	10,777	35,727	66,678
1995	12,112	40,426	62,917
1996	12,423	41,460	76,207
1997	13,681	42,303	77,241
1998	14,018	43,568	80,009
1999 **	22,711	70,427	80,949
2000	23,954	73,936	85,173
2001	23,766	71,599	85,554
2002	24,343	73,730	86,864
2003 ***	24,431	76,410	92,640 (172,612)

* CIWMB Website "Profiles" database using the adjustment methodology.

Table 6-1B. Reported Disposal Tonnage Trends (1990, 1995-2003) *

Year	City of Chowchilla	City of Madera	County
1990	3,980	31,340	42,040
1995	4,719	29,838	43,536
1996	5,021	32,443	44,656
1997	5,553	31,031	47,422
1998	10,710	34,217	43,990
1999	11,393	35,542	44,224
2000	12,483	37,012	48,826
2001	12,698	40,566	50,351
2002	11,180	40,402	55,314
2003	10,240	40,036	66,105

* CIWMB Website "Disposal Reporting System" database.

5A) SUMMARY OF PLANNING DOCUMENTS –SRRE'S

Table 6-10. Diversion Program Implementation Status in 2003 *

Program	PARIS	City of Chowchilla	City of Madera	County
Source Reduction Programs				
Xeri/Grasscycling	1000	SO	SO	SO
Backyard Composting	1010	SO	SO	SO **
Business Waste Reduction	1020	SO	SO **	SO
Procurement	1030	SO	SO	SI
School Source Reduction	1040			AO
Government Source Reduction	1050	SO	SO	SO
Material Exchange/Thrift	1060			AO
Recycling Programs				
Residential Curbside	2000	SO	SO **	**
Residential Drop-off	2010	SO	SO	SO **
Buyback Centers	2020	SO	SO	SO
Commercial Onsite Pick Up	2030	SO	SO **	AO
Commercial Self haul	2040		AO **	SO **
Schools	2050			SO
Government Recycling	2060			AO
Special Collect/Seasonal	2070			AO
Special Collection Events	2080			AO
Other Recycling	2090	SO		SO
MRF	7000	SO	SO	AO **
Landfill	7010	AO	SO	SO
ADC	7040		AO	AO
Composting				
Residential Curbside GW	3000	SO	SO **	**
Residential GW Self haul	3010		SO	AO
Commercial GW Pickup	3020			
Commercial GW Self haul	3030			AO
Food Waste Composting	3040			
School Composting	3050			
Government Composting	3060			
Other Composting/Vineyard Soil Additive	3070			AO
Composting Facility	7030	SO	PF	**
Special Waste Diversion Programs				
Ash	4000	D	SI	SO
Sludge	4010	SO	SO	SO
Tire Recycling	4020	SO	SO	SO
White Goods	4030	SO	SO	AO
Scrap Metal	4040	SO	SO	AO
Wood Waste	4050	SO	SO	AO
Concrete, Asphalt, Rubble	4060	SO	SO **	SO
Rendering	4090	SO	SO	SO
Other Special Waste	4100	SO	SO	SO
Biomass/Co-generation Diversion				
Biomass/Cogeneration	8010	SO	AO	SO
Transformation/Tires	8020			SO

* Information obtained from the 2003 annual reports.

** Programs identified in SB 1066 request.

Table 6-11. HHW Management Program Implementation *

Program	PARIS	City of Chowchilla	City of Madera	County
Permanent Facility	9000	SO	SO	SO
Mobile/Periodic Collection	9010	SO	SO	SO
Curbside Collection	9020			
Waste Exchange	9030			
Education Programs	9040	SO	SO	SO
Other HHW Program	9050			

* Information obtained from the 2003 annual reports.

Table 6-12. Public Education Program Implementation *

Program	PARIS	City of Chowchilla	City of Madera	County
Electronic	5000	SO	SO **	SO **
Print	5010	SO	SO **	SO **
Outreach	5020	SO	SO **	SO **
Schools	5030	SO	SO	SO
Other Public Education	5040			D (No Need)
Economic Incentives	6010	SO	SO **	SO **
Ordinances	6020	SO	PF **	SO **

* Information obtained from the 2003 annual reports.

** Programs identified in SB 1066 request.

5B) SUMMARY OF PLANNING DOCUMENTS –NDFE’S

City of Chowchilla (4/23/97)

- Mammoth MRF and Transfer Station (existing)
 - Only general MSW which require no special handling prior to tipping on the floor will be accepted;
 - Other wastes that are acceptable, such as tires, appliances, and wood, will be removed prior to sorting; and
 - 356 tpd average; 360 tpd peak capacity.

City of Madera (11/96)

- Mammoth MRF and Transfer Station (existing)
 - Only general MSW which require no special handling prior to tipping on the floor will be accepted;
 - Other wastes that are acceptable, such as tires, appliances, and wood, will be removed prior to sorting; and
 - 256 tpd average; 360 tpd peak capacity.
- American Avenue Disposal Site (existing)
 - For receiving and processing grass and leaf materials; windrow composting.
- Rice Road Recyclery and Transfer Station (existing)
 - Sorting line to separate cans, glass, and plastic; accepts newspaper and cardboard.
- City of Madera Yard Waste Composting Facility (proposed)
 - window composting of leaves and grass

County NDFE (not dated)

- Mammoth MRF and Transfer Station (existing)
 - Only general MSW which require no special handling prior to tipping on the floor will be accepted;
 - Other wastes that are acceptable, such as tires, appliances, and wood, will be removed prior to sorting; and
 - 256 tpd average; 360 tpd peak capacity.
- EMADCO Transfer Station (no recovery and salvaging operations are conducted)
- North Fork Transfer Station (no recovery and salvaging operations are conducted)

5) SUMMARY OF PLANNING DOCUMENTS –HHWE'S

Multi-Jurisdictional Household Hazardous Waste Element City of Chowchilla, City of Madera, and County Unincorporated Area (8/91)

- Objectives

- provide education programs to promote reduction of HHW.
- provide disposal alternatives for HHW generated in County.
- improve load inspection program at landfill.
- establish waste exchange program at PHHWCF.
- recycle HHW to the extent possible.

- Selected Programs

- periodic collection events until County's regional HHW program is established.
- permanent collection facility.
- waste oil, latex paint, and battery recycling at collection centers.
- expansion of load checking program.
- an education and public information program.

- Responsible Agencies

- Environmental Health Department for managing HHW programs.
- Department of Engineering and General Services for overseeing load checking program.

- Implementation Considerations

#	Selected Program	Schedule	Cost
1	Periodic Collection Events	1992	\$60,000
2	Permanent Facility	1994	\$200,000
3	Batteries, Oil, and Paint (BOP) Centers		
4	Load Checking	1991	\$35,000
5	Public Education and Information	1992	\$8,000

- Contingency Measures

- Increase level of effort for education and public information.
- Increase or change (or both) the days or hours of operation at permanent facility.
- Develop additional permanent facilities.

HOUSEHOLD HAZARDOUS WASTE IMPLEMENTATION (2003 Annual Report)

Periodic Collection Events

- 3 one-day collection events were held in 2002 in Chowchilla, Madera, and Oakhurst.
- No events were held in 2003 due to budgetary restraints.

Permanent Collection Facility

- Built.
- Operations are part of the SWFP at Fairmead landfill.
- SWFP expected to be approved in mid-June 2005.

Waste Oil, Latex Paint, and Battery Recycling at Collection Centers

- No report presented in 2003 Annual Report.
- 11 certified used oil recycling centers, located throughout the county, are listed in the CIWMB database.

Expansion of Load Checking Program

- No report presented.

Education and Public Information Program

- County continues to distribute materials developed and printed during 2002.
- County has developed used oil recycling brochures and flyers advertising their annual collection events.

2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000
2003	2002	2001	2000

COUNTYWIDE SITING ELEMENT SUMMARY

Goals

- 1) Madera County will provide and maintain adequate landfill disposal capacity within Madera County for refuse generated in Madera County that will need to be landfilled after maximizing efforts for source reduction, recycling, and composting.
- 2) Madera County will continue to expand the Mammoth MRF and the Fairmead Landfill to provide adequate capacity for refuse generated in the cities of Madera and Chowchilla and in the unincorporated areas of the County.
- 3) Madera County will provide for the operation and maintenance of the Mammoth MRF and the Fairmead Landfill in a manner that will minimize adverse environmental impacts and ensure public health and safety.
- 4) Madera County will provide for the operation and maintenance of the Mammoth MRF and the Fairmead Landfill efficiently and cost-effectively and in a manner that is convenient for its users.
- 5) Madera County will provide for the processing and transfer of refuse delivered to the North Fork Transfer Station and Mammoth MRF efficiently and cost-effectively and in a manner that is convenient for its users.
- 6) The Siting Element will be adopted by the City Councils of Madera and Chowchilla and by the Madera County Board of Supervisors.

Closure Date (estimated in the CSE to be 2026 – exceeding the 15-year capacity requirement)

A siting criteria was developed and remains applicable.

No new known solid waste disposal facility in the county has been proposed.

The Fairmead Landfill was identified for expansion into Waste Management Unit 3 to extend the life of the landfill to 2026.

Under the direction of the County Board of Supervisors, the Department of Engineering and General Services has the responsibility to operate and maintain all solid waste disposal facilities for the unincorporated areas of the county.

Funding to support the administration and maintenance of the siting program is generated from tipping fees collected at the Fairmead Landfill.

The County reported in the 2003 Annual Report the following:

- Total agency-wide disposal capacity is 16 years; and
- The Siting Element does not need to be revised.

On February 23, 1999 the CIWMB approved a petition by the County to reduce the Summary plan requirements for the County. Hence, no Summary Plan was prepared.

Madera County Solid Waste Local Task Force March 17th, 2005 Meeting Minutes

The Madera County Solid Waste Local Task Force (LTF) met on March 17th, 2005 to discuss the Madera County "County Integrated Waste Management Plan (CIWMP)" and whether the plan needed to be revised.

Attendees included:

- 1) Ronald S. Frye, City of Chowchilla
- 2) Jim Shields, City of Madera
- 3) Al Raymond, Madera Disposal Systems, Inc.
- 4) Keith Hester, BFI
- 5) Morrison Williams, EMADCO
- 6) Kevin S. Ham, Madera County
- 7) Jim Greco, California Waste Associates

All except Mr. Greco are members of the LTF. Mr. Greco facilitated discussion of the agenda items. A copy of the agenda and agenda package are attached.

The consensus of LTF members was that the CIWMP did not need to be revised at this time. However, the following sense of members was that:

- 1) The Household Hazardous Waste Element (HHWE), which is a multi-jurisdictional plan, remains applicable but needs to be fully implemented. The LTF recommends that the Cities and County meet within the next few months to develop a workable funding mechanism to provide adequate funds for the operation of the permanent household hazardous waste collection facility and periodic HHW collection events in outlying areas of the County;
- 2) The Nondisposal Facility Elements (NDFE's) for each jurisdiction remain accurate. A typo should be corrected for the City of Chowchilla NDFE, namely: the capacity of the Mammoth Materials Recovery Facility (MRF) is an average of 256 tons per day not 356 tons per day;
- 3) The Countywide Siting Element (CSE) should be amended to reflect:
 - The re-statement of Goal 2.1 b. on page 2 to read "Madera County will continue to expand the Fairmead Landfill to provide adequate capacity for refuse generated in the Cities of Madera and Chowchilla and in the unincorporated areas of the County"; and
 - To note that the expansion of the Fairmead Landfill will be in Waste Management Units 3 & 4 to extend the life of the landfill to 2038.
- 4) The Source Reduction and Recycling Elements (SRRE's) for each jurisdiction, as updated by the new programs added since the SRRE's were approved (and either

program expansions or new programs were identified in the SB 1066 requests), are applicable plans for achieving the 50% diversion goal. However, the LTF suggests that the County pursue the development and implementation of a curbside recyclables and yard materials collection program in more densely populated unincorporated areas in addition to facilitating divertable materials drop-off options at the North Fork Transfer Station and the Mammoth MRF. The LTF was advised by Madera Disposal Systems that the Mammoth MRF is being converted into a recyclables processing facility and no longer will function strictly as a "dirty, mixed municipal waste" MRF. This conversion lends itself to greater utilization of the capacity of the MRF and increased diversion effectiveness.

It was agreed that Mr. Ham and Mr. Shields will take the lead and facilitate the scheduling of the next LTF meeting to address the funding of the permanent household hazardous waste collection facility operation and continued periodic collection events in outlying areas of the county.

Regarding the conversion of the MRF away from a mixed municipal waste processing facility to a facility focused on recovering source separated recyclables and yard waste and processing of relatively recyclables-rich truckloads, the issue of mandatory (or universal) collection was briefly discussed. Mandatory collection would facilitate a more reliable funding mechanism for implementing curbside collection programs targeting source-separated materials.

The LTF supported the conversion to a clean Mammoth MRF.

The LTF member also suggested that Mr. Ham brief other County members of the LTF, who were not able to attend the March 17th meeting.

Additionally, Mr. Ham was encouraged to consider whether the LTF recommendations should be brought to the attention of the County Board of Supervisors in order to facilitate implementation of the recommendations embedded in items 1) and 4) noted above.

APPENDIX F

APRIL 20, 2005 LTF LETTER TO THE COUNTY

MADERA COUNTY SOLID WASTE LOCAL TASK FORCE

2037 W. Cleveland Avenue
Madera, California 93637

April 20, 2005

Mr. Kevin S. Ham, P. E.
Assistant County Engineer
Department of Engineering and General Services
Resource Management Agency
2037 W. Cleveland Avenue
Madera, California 93637

Subject: Five-Year Review of the CIWMP

Dear Mr. Ham:

The Madera County Solid Waste Local Task Force (LTF) met on February 24th and March 17th, 2005 and discussed the 5-year review of the Madera County Integrated Waste Management Plan (CIWMP), as required by Public Resources Code (PRC) Section 41770 and Title 14 of the California Code of Regulations (Section 18788). The purpose of the review was to determine if the CIWMP required revision to reflect the current efforts being made to meet the requirements of AB939.

Based on its review, the LTF does not feel the CIWMP requires a revision at this time. This conclusion is based on the fact that the annual reports submitted by the City of Chowchilla, City of Madera, and the County have provided updated information concerning the status of program selection and implementation. The 2003 annual reports and the SB 1066 requests approved by the California Integrated Waste Management Board (CIWMB) for the City of Madera and the County have identified additional programs and emphasis on existing programs implementation. It was the consensus of the LTF that the updated plans identify a combination of programs, if fully implemented, should result in meeting the diversion goal of 50% for each jurisdiction. Thus, plan revision is not necessary. However, it was the consensus of the LTF that:

- 1) The Household Hazardous Waste Element (HHWE), which is a multi-jurisdictional plan, remains applicable but needs to be fully implemented. The LTF recommends that the Cities and County meet within the next few months to develop a workable funding mechanism to provide adequate funds for the operation of the permanent household hazardous waste collection facility and periodic HHW collection events in outlying areas of the County;
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3) The Countywide Siting Element (CSE) should be amended to reflect:

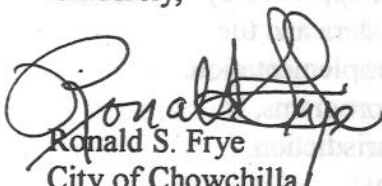
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The status of program implementation affirms that the cities and county programs remain consistent with the hierarchy of waste management practices defined in PRC Section 40051.

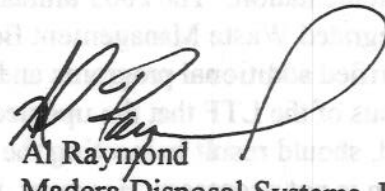
The LTF plans to meet in the next few months to discuss these recommendations and the status of their implementation.

Sincerely,



Ronald S. Frye
City of Chowchilla
Local Task Force Member

Jim Shields
City of Madera
Local Task Force Member



Al Raymond
Madera Disposal Systems, Inc.
Local Task Force Member

Keith Hester
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Morrison Williams
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cc Natalie Lee, CIWMB
Jim Greco, California Waste Associates

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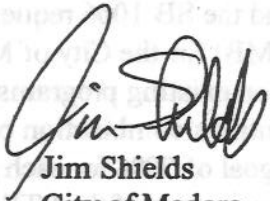
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Local Task Force Member	Local Task Force Member	Local Task Force Member

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